

Title (en)

THIN ACTIVE LAYER FISHBONE PHOTODIODE WITH A SHALLOW N+ LAYER AND METHOD OF MANUFACTURING THE SAME

Title (de)

FISCHGRÄTEN-FOTODIODE MIT DÜNNER AKTIVER SCHICHT UND FLACHER N+-SCHICHT SOWIE HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

PHOTODIODE EN ARÊTE DE POISSON À COUCHE ACTIVE MINCE COMPORTANT UNE COUCHE N+ PEU PROFONDE ET SON PROCÉDÉ DE FABRICATION

Publication

EP 2335288 A4 20130717 (EN)

Application

EP 09813768 A 20090915

Priority

- US 2009056875 W 20090915
- US 9976808 P 20080924
- US 9687708 P 20080915
- US 15973209 P 20090312

Abstract (en)

[origin: WO2010031011A2] The present invention is directed toward a detector structure, detector arrays, and a method of detecting incident radiation. The present invention comprises a photodiode array and method of manufacturing a photodiode array that provides for reduced radiation damage susceptibility, decreased affects of crosstalk, reduced dark current (current leakage) and increased flexibility in application.

IPC 8 full level

H01L 31/0352 (2006.01); **H01L 27/144** (2006.01); **H01L 27/146** (2006.01)

CPC (source: EP GB US)

H01L 27/1446 (2013.01 - EP GB US); **H01L 27/14603** (2013.01 - EP GB US); **H01L 27/1462** (2013.01 - US); **H01L 27/14636** (2013.01 - US); **H01L 27/14643** (2013.01 - US); **H01L 27/14658** (2013.01 - EP GB US); **H01L 31/03529** (2013.01 - EP GB US); **Y02E 10/50** (2013.01 - US)

Citation (search report)

- [X1] US 2008128846 A1 20080605 - BUI PETER STEVEN [US], et al
- [X2] US 2004222358 A1 20041111 - BUI PETER STEVEN [US], et al
- [XP] US 2008277753 A1 20081113 - BUI PETER STEVEN [US], et al
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010031011 A2 20100318; **WO 2010031011 A3 20100506**; BR PI0919221 A2 20151208; CN 102217082 A 20111012; CN 102217082 B 20131204; EP 2335288 A2 20110622; EP 2335288 A4 20130717; GB 201105287 D0 20110511; GB 2476019 A 20110608; GB 2476019 A8 20110831; GB 2476019 B 20130313; JP 2012503314 A 20120202; MX 2011002852 A 20110817; US 2010065939 A1 20100318; US 2015014804 A1 20150115; US 2016035778 A1 20160204; US 8766392 B2 20140701; US 9035412 B2 20150519

DOCDB simple family (application)

US 2009056875 W 20090915; BR PI0919221 A 20090915; CN 200980145385 A 20090915; EP 09813768 A 20090915; GB 201105287 A 20090915; JP 2011527033 A 20090915; MX 2011002852 A 20090915; US 201414280808 A 20140519; US 201514685492 A 20150413; US 55949809 A 20090915